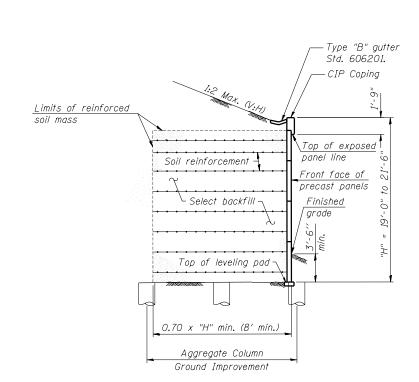
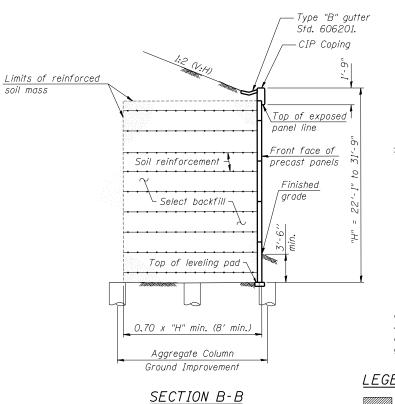


SECTION A-A Sta. 11+71.71 to 10+94.53



Sta. 10+00.64 to 9+28.19



Between Bridges

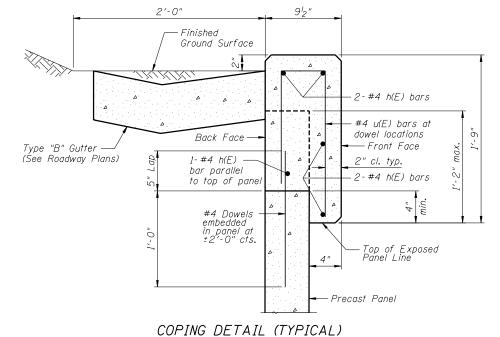
2" Pr<u>eformed</u> - Const. Joint Joint Filler Approach Slab 72" PPC Geocomposite Bulb T-Bed Limits of Reinforced Wall Drain Soil Mass Fabri<u>c Reinforced</u> \*Abutment Soil Elastomeric Mat Reinforcement 4" Concrete Slopewall C.I.P. Embankment See Roadway Plans Coping Soil Reinforcement Top of Exposed Panel Line -Bk. of Abut. Front Face MSE Wall Drive piles. Install liners around piles and backfill pile liners with dry Precast Panels sand before constructing MSE wall. Proposed Ground at MSE Wall — Top of — Existing Ground Existing Ground -— Steel H piles Leveling Po Remove existing structure to 4'-0" below existing ground elevation 0.7 x "H" min. (8' Min.) Aggregate Column LEGEND Ground Improvement

Structure Removal, see structure plans for SN 082-0119 & SN 082-0120

\*M.S.E. wall supplier shall design and supply abutment soil reinforcement to resist earth pressure of 40 pcf equivalent fluid weight applied to back of abutment plus a longitudinal force of 5.6 kip/ft length of abutment. SECTION THRU MSE WALL AT ABUTMENT

(Dimensions @ Rt. L's)

Select Backfill -



## TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	635
Name Plates	Each	1
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	5,405

## GENERAL NOTES

- 1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60. See Special Provisions.
- 2. Reinforcement bars designated (E) shall be epoxy coated.
- 3. Cast in place concrete and reinforcement bars for coping is included in the cost for Mechanically Stabilized Earth Retaining Wall.

- <u>С</u>	C-	ION	SECT
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USER NAME = Scott Whitney	DESIGNED	-	РММ	REVISED	-	
	CHECKED	-	DAZ	REVISED	-	
PLOT SCALE = 0:2.0000 ':" / IN.	DRAWN	-	SAW	REVISED	-	
PLOT DATE = 10/18/2011	CHECKED	-	РММ	REVISED	-	

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** 

SECTION COUNTY TYPICAL SECTIONS AND BILL OF MATERIAL 103 27-1-VHB-1 ST. CLAIR 277 235 STRUCTURE NO. 082-W312 CONTRACT NO. 76884 SHEET NO. 2 OF 7 SHEETS

ROKA Zroka Engineering, P.C. 4216 North Hermitage engineering